

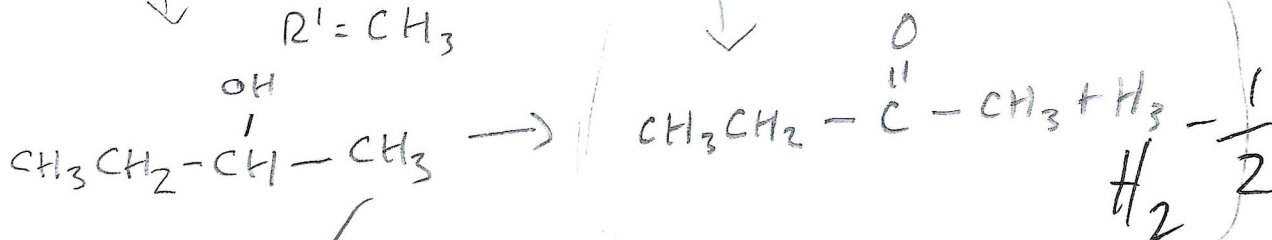
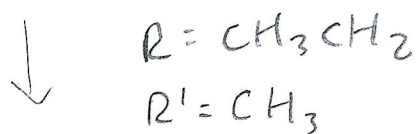
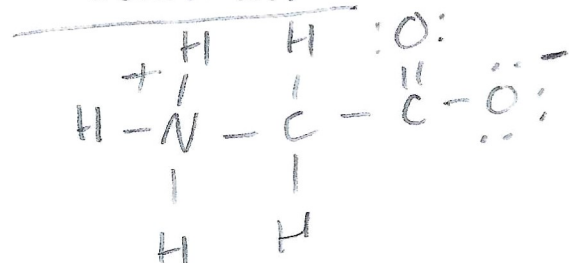
1. a. Ether ✓
- b. amino acid ✓
- c. Aldehyde ✓
- d. Alcohol ✓
- e. ketone ✓
- f. Carboxylic acid ✓

$$\frac{18}{19}$$

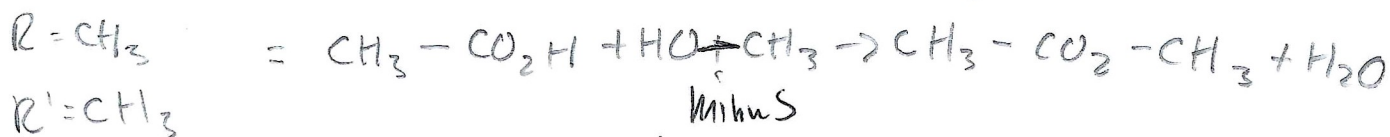
95%

2. molecule b. has a zwitterion form ✓

zwitterion form

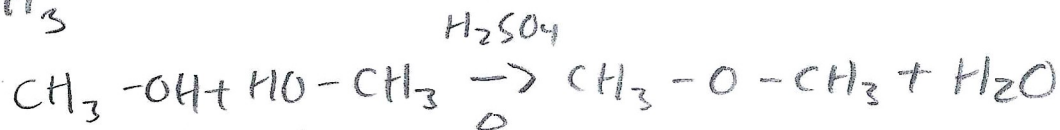
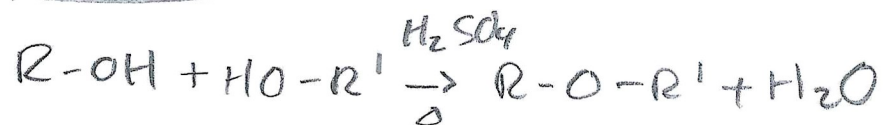


4. molecule c. can be oxidized to form a carboxylic acid ✓

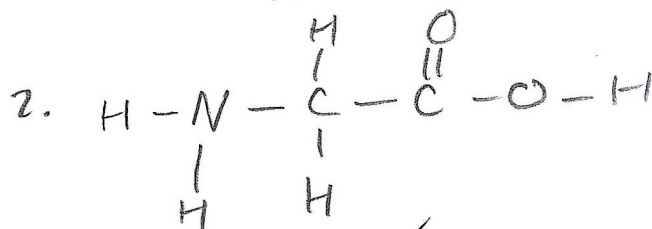
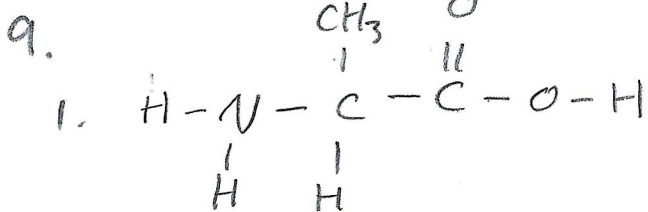
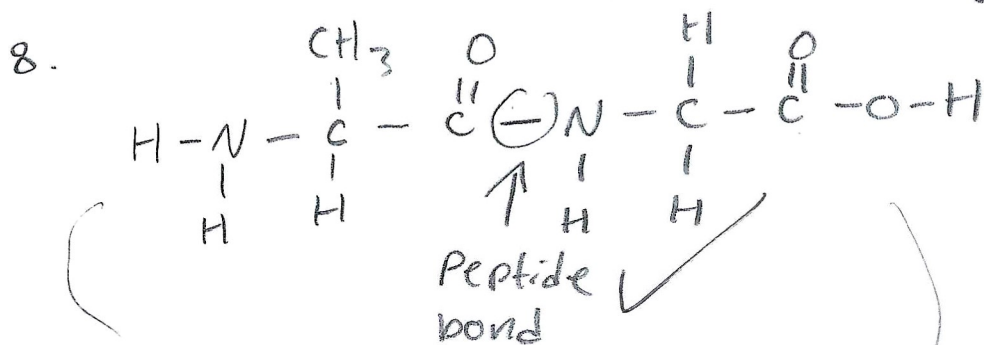


$$\begin{array}{c} \text{minus} \\ -1 \\ \hline 2 \end{array}$$

6. general form



7. monosaccharides, disaccharides, hydrolysis



10. molecule C. could be used to make a carboxylic acid